Express Mail No.: \_\_\_EV374986306US

**PATENT** 

091-0215 (03-1119)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Donald A. Hitko

Serial No.: Filed herewith

Filing Date: Filed herewith

For: TRAVELING WAVE,

MULTIPLYING D/A CONVERTER

## **COMMENTARY RE INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant identifies the prior art listed on the attached Information Disclosure Statement (Form PTO-1449). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application. Only copies of non US patents and patent applications are enclosed, if any.

Applicant respectfully requests that the disclosed reference be made of record in the subject application.

Respectfully submitted,

David Bowls, Reg. No. 39,915

Dais Boula

Michael A. Shimokaji, Reg. No. 32,303

Attorney for Applicant

Shimokaji & Associates, P.C. 1301 Dove Street, Suite 480 Newport Beach, CA 92660 (949) 223-0838

PTO/SB/08A (10-01)
Approved for use through 10/31/2002, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

			Act of 1995, no pers	ons are required to respond to a collection	on of information unless it contains a valid OMB control number	
Substitute for form 1449A/PTO				Complete if Known		
				Application Number	filed herewith	
INFO	PRMATION [	DISC	LOSURE	Filing Date	filed herewith	
STATEMENT BY APPLICANT				First Named Inventor	Donald A. Hitko	
				Group Art Unit		
(use as many sheet as necessary)			ecessary)	Examiner Name		
Sheet	1	of	2	Attorney Docket Number	03-1119	

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	US- 5,394,122	February 28, 1995	Conway, et al.	
	2	US- 5,134,400	July 28, 1992	Hash	
	3	US- 5,128,674 US-	July 7, 1992	Kong, et al.	
		US-			

	FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document			Pages, Columns, Lines		
Examiner Initials*	Cite No. 1	Country Code <sup>3 -</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>	
				•			
				<u>.</u>			
ļ						+	
<del></del>	-					+	
<del></del>	<del> </del>					+	
						+-+	
					+	1	

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document wIPO Standard St.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to resp

			Act of 1995, no per	sons are required to respond to a collection	of information unless it contains a valid Civib control number
Substitute	for form 1449A/	PTO			Complete if Known
				Application Number	
INFO	RMATION I	DISC	LOSURE	Filing Date	
STA	TEMENT BY	/ AP	PLICANT	First Named Inventor	Donald A. Hitko
				Group Art Unit	
(use	as many shee	et as n	iecessary)	Examiner Name	
Sheet	2	of	2	Attorney Docket Number	03-1119

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when Appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2		
	4	CECIL, J.B. AND HOWARD, J.G.; A Fully Monolithic 6-Bit, Multiplying D/A Converter; IEEE International Solid-State Circuits Conference Proceedings; Feb. 1971, p52-53.			
	5	KRABBE, H. AND MOLINARI, F; A Monolithic Multiplying D/A Converter Circuit; IEEE International Solid-State Circuits Conference Proceedings; Feb. 1971, p54-55, 198.			
			+		
	<u> </u>		-		
			$\dashv$		

Examiner	Date
Signature	Considered

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent the Chief Information Officer, Patent and Trademark Office, Washington, DC

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.